

Atty. Docket No.: SUP-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Charles C. Lee et al.

Application No.: 10/803,597

Group No.:2182

Filing Date: 03/17/2004

Examiner: Tammara R Peyton

For: "PCI Express-Compatible Controller And Interface For Flash Memory"


Date: June 16, 2008

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATUS INQUIRY

1. An Office Communication dated 4/28/08 was received from the USPTO 5/5/08 which forwarded a Notice of Allowability and Examiner's Amendment. **No PTOL 85 forms were included.** Additionally, PAIR status states "Response to Non-Final Office Action Entered and Forwarded to Examiner", but does not indicate a Notice of Allowance has been issued. (See attached documents). A telephone call to Examiner Peyton was made on 5/6/08 and 5/20/08 to request the PTOL-85 forms for payment of the issue fees, but these forms have not been received to date.

2. Kindly advise the undersigned of the present status of this application. If the application is allowed, please advise as to when the Issue Fees are due and provide the PTOL-85 form so payment can be made.



SIGNATURE OF PRACTITIONER

Jeanette S. Harms
Reg. No. 35537
BEVER, HOFFMAN & HARMS, LLP

Tel. No.: (408) 451-5907
Fax No.: (408) 451-5908
Customer No.: 22888

10/803,597 PCI express-compatible controller and interface for flash memory06-16-
2008::12:12:31

Bibliographic Data

Application Number:	10/803,597	Customer Number:	22888
Filing or 371 (c) Date:	03-17-2004	Status:	Response to Non-Final Office Action Entered and Forwarded to Examiner
Application Type:	Utility	Status Date:	02-21-2008
Examiner Name:	PEYTON, TAMMARA R	Location:	ELECTRONIC
Group Art Unit:	2182	Location Date:	-
Confirmation Number:	7345	Earliest Publication No:	-
Attorney Docket Number:	SUP-001	Earliest Publication Date:	-
Class / Subclass:	710/074	Patent Number:	-
First Named Inventor:	Charles Lee , Sunnyvale, CA (US)	Issue Date of Patent:	-

Title of Invention: PCI express-compatible controller and interface for flash memory

Close Window

10/803,597 PCI express-compatible controller and interface for flash memory

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2008::12:12:55

This application is officially maintained in electronic form. To View: Click the desired Document Description. To Download and Print: Check the desired document(s) and click PDF.

Available Documents

Mail Room Date	Document Code	Document Description	Document Category	Page Count
04-28-2008	NOA	Notice of Allowance and Fees Due (PTOL-85)	PROSECUTION	4
04-28-2008	892	List of references cited by examiner	PROSECUTION	1
04-28-2008	SRFW	Search information including classification, databases and other search related notes	PROSECUTION	1
04-28-2008	IIFW	Issue Information including classification, examiner, name, claim, renumbering, etc.	PROSECUTION	1
01-25-2008	A...	Amendment - After Non-Final Rejection	PROSECUTION	2
01-25-2008	CLM	Claims	PROSECUTION	14
01-25-2008	REM	Applicant Arguments/Remarks Made in an Amendment	PROSECUTION	4
01-25-2008	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	2
01-25-2008	N417	EFS Acknowledgment Receipt	PROSECUTION	2
01-25-2008	XT/	Extension of Time	PROSECUTION	1
01-25-2008	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	1
08-27-2007	CTNF	Non-Final Rejection	PROSECUTION	5
08-27-2007	1449	List of References cited by applicant and considered by examiner	PROSECUTION	1
08-27-2007	892	List of references cited by examiner	PROSECUTION	1
08-27-2007	SRFW	Search information including classification, databases and other search related notes	PROSECUTION	1
08-27-2007	FWCLM	Index of Claims	PROSECUTION	1
08-27-2007	BIB	Bibliographic Data Sheet	PROSECUTION	1
06-01-2007	ELC.	Response to Election / Restriction Filed	PROSECUTION	1
06-01-2007	N417	EFS Acknowledgment Receipt	PROSECUTION	2
05-01-2007	CTRS	Requirement for Restriction/Election	PROSECUTION	6
05-01-2007	FWCLM	Index of Claims	PROSECUTION	1
07-19-2006	N417	EFS Acknowledgment Receipt	PROSECUTION	1
07-17-2006	STATUS.LET	Request for status of Application	PROSECUTION	1
07-17-2006	N417	EFS Acknowledgment Receipt	PROSECUTION	2
05-03-2005	LET.	Miscellaneous Incoming Letter	PROSECUTION	1
05-17-2004	LET.	Miscellaneous Incoming Letter	PROSECUTION	1
03-17-2004	TRNA	Transmittal of New Application	PROSECUTION	3
03-17-2004	TRNA	Transmittal of New Application	PROSECUTION	3
03-17-2004	SPEC	Specification	PROSECUTION	51
03-17-2004	CLM	Claims	PROSECUTION	15
03-17-2004	ABST	Abstract	PROSECUTION	1
03-17-2004	DRW	Drawings-only black and white line drawings	PROSECUTION	18
03-17-2004	OATH	Oath or Declaration filed	PROSECUTION	3
03-17-2004	ADS	Application Data Sheet	PROSECUTION	3
03-17-2004	IDS	Information Disclosure Statement (IDS) Filed	PROSECUTION	1
03-17-2004	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	1
03-17-2004	WFEE	Fee Worksheet (PTO-06)	PROSECUTION	1
03-17-2004	NPL	NPL Documents	PRIOR ART	10



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,597	03/17/2004	Charles C. Lee	SUP-001	7345

22888 7590 04/28/2008
BEVER HOFFMAN & HARMS, LLP
TRI-VALLEY OFFICE
1432 CONCANNON BLVD., BLDG. G
LIVERMORE, CA 94550

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MAY 05 2008

Law Offices of
BEVER, HOFFMAN & HARMS, LLP

EXAMINER

PEYTON, TAMMARA R

ART UNIT	PAPER NUMBER
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2182

MAIL DATE	DELIVERY MODE
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04/28/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Allowability

Application No.

10/803,597

Applicant(s)

LEE ET AL.

Examiner

TAMMARA R. PEYTON

Art Unit

2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Remarks filed 1/25/08.
2. ☒ The allowed claim(s) is/are 37, 41-59.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

/Tammara R Peyton/
Primary Examiner
2182

EXAMINER'S AMENDMENT AND REASON FOR ALLOWANCE

I. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

This application is in condition for allowance except for the presence of claims 1-36 and 61-88 directed to nonelected species without traverse on 6/1/07. Accordingly, claims 1-36 and 61-88 been canceled.

Species 1, claims 1-7 - CANCELLED

Species 2, claims 8-23 - CANCELLED

Species 3, claims 24-36 - CANCELLED

Species 5, claims 61-74 - CANCELLED

Species 6, claims 75-88 - CANCELLED

II. ALLOWABLE SUBJECT MATTER

The following is an examiner's statement of reasons for allowance based on the previously cited prior art and Applicant's Arguments filed on 1/25/08, pages 1 and 2, therein, claim 37 include allowable subject matter and considered pertinent to the applicant's disclosure, taken individually or in combination, the prior art of record does not teach or suggest the claimed limitations having:

“A method of performing an operation on a flash device, the operation being requested by a host separate from the flash device, the operation being PCI Express- compatible, the method comprising: sending a first memory request from the host to the flash device, wherein the first

memory request includes command word setting in a header, wherein the command word setting indicates the operation to be performed on the flash device, and wherein the first memory request further includes memory mapped I/O addresses in the header, the memory mapped I/O addresses comprising a command word port and a data value port.”

The remaining claims 41-59 are allowed by virtue of their dependencies on the independent claim.

___Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tammara Peyton whose telephone number is (571) 272-4157. The examiner can normally be reached between 6:30 - 4:00 from Monday to Thursday, (I am off every first Friday), and 6:30-3:00 every second Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tariq Hafiz can be reached on (571) 272-6729. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2100.

/Tammara R Peyton/

Primary Examiner, Art Unit 2182

April 17, 2008

Notice of References Cited	Application/Control No. 10/803,597	Applicant(s)/Patent Under Reexamination LEE ET AL.	
	Examiner TAMMARA R. PEYTON	Art Unit 2182	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,839,285	01-2005	Zink et al.	365/185.33
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.